Raw Frequency/Weight Data

- A. Data for Appendix II U.S. Patent No. 4,524,037 (Prior Art Reference Marc)
- B. Data for Appendix IA, U.S. Patent No. 4,980,110 (Issued Patent)
- C. Data for Appendix IB, U.S. Patent No. 5,273,702 (Issued Patent)
- D. Data for Appendix III, U.S. Patent No. 4,595,551 (Cited as Reference in Issued

 Patents Maurer)
- E. Data for Appendix IVA U.S. Patent No. 4,627,177 (Control)
- F. Data for Appendix IVB U.S. Patent No. 4,364,189 (Control)

A. Data for Appendix I - U.S. Patent No. 4,524,037 (Prior Art Reference - Marc)

(1) Data Used in Exemplary Semantic Analysis

Concept apparatus for forming	_	Synonyms Forming		
cavity	42			
compression ratio	10			
electrode	7			
general	39			
heating	95			
heating period	63			
material	87			
material	89			
compressed				
means	70	method for forming	method	
plastic	15	polyolefin	styrenic	resilient material
rf heating	89			
substance	60			
temperature	77			

Concept	Frequency	Weight	Subordinate Concept
apparatus for	7	14	========
forming			
cavity	10	42	========
compression ratio	2	10	========
electrode	3	7	========
general	2	39	========
heating	4	95	
heating period	2	63	========
material	23	87	========
material	2	89	
compressed			
means	8	70	========
plastic	6	15	========
rf heating	2	89	========

au batanaa	2	60
substance	3	60 ========
temperature	4	77 ========
material	4	58 apparatus for forming
plastic	6	100 apparatus for forming
general	2	79 cavity
material	3	47 cavity
means	3	69 cavity
substance	3	89 cavity
material	2	32 compression ratio
means	2	51 electrode
cavity	2	47 general
material	2 2 2 2 2 2 3 2	32 general
substance	2	71 general
heating period	2	79 heating
material	3	47 heating
material	2	79 heating
compressed		-
means	2	51 heating
rf heating	2	79 heating
temperature	2	65 heating
heating	2 2 2 2	65 heating period
material	2	32 heating period
means	2	51 heating period
apparatus for	4	82 material
forming		
cavity	3	64 material
compression ratio	2	79 material
general	2 2 3 2 2	79 material
heating	3	83 material
heating period	2	79 material
material	2	79 material
compressed		70 material
means	4	79 material
plastic	4	86 material
rf heating		79 material
substance	3	89 material
temperature	2	65 material
heating	2	
material	2	65 material compressed
rf heating	2	32 material compressed
_	2	79 material compressed
temperature	2	65 material compressed
cavity	3	64 means
electrode	2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	71 means
heating	2	65 means
heating period		79 means
material	4	58 means

substance	2	71 means
apparatus for	6	96 plastic
forming		
material	4	58 plastic
heating	2	65 rf heating
material	2	32 rf heating
material	2	79 rf heating
compressed		
temperature	2	65 rf heating
cavity	3	64 substance
general	2	79 substance
material	3	47 substance
means	2	51 substance
heating	2	65 temperature
material	2	32 temperature
material	2	79 temperature
compressed		·
rf heating	2	79 temperature

B. Data for Appendix IIA, U.S. Patent No. 4,980,110 (Issued Patent 1)

(1) Data Used in Exemplary Semantic Analysis

Concept carrying cavity closing cutting density energy fastening fastening means	Weight 4 94 70 90 4 90 5		
flashing forming	8 82	apparatus for forming	thermoforming
forming cavity heating indicium means method method for	90 69 6 5 80 92	Ü	
forming parting peripheral peripheral parting polyolefin polyolefin being sufficient sufficient period temperature two	96	outer Plastic	styrenic

Conc pt	Frequency Weight	Subordinate Concept
carrying	2	4 =======
cavity	13 9	4 =======
closing	7 7	0 =====

cutting	2	90 =======
density	4	4 ========
energy	2	90 ======
fastening	5	5 ========
fastening	3	5 ========
means		
flashing	2	8 ========
forming	6	82 =======
forming cavity	2	90 =======
heating	12	69 ======
indicium	5	6 =======
means	5	5 =======
method	26	80 =======
method for	3	92 =======
forming	3	92
_	7	07
parting	7	97 =======
peripheral	8	93 =======
peripheral	4	96 ======
parting	40	00
polyolefin	18	80 ======
polyolefin being	2	22 =======
sufficient	13	48 =======
sufficient period	4	15 =======
temperature	6	77 =======
two	2	4 =======
method	2	30 carrying
closing	4	82 cavity
cutting	2	79 cavity
energy	2	79 cavity
flashing	2	79 cavity
forming	3	75 cavity
forming cavity	2	79 cavity
heating	6	85 cavity
method	6	69 cavity
method for	3	89 cavity
forming	J	oo oarny
parting	6	96 cavity
peripheral	5	87 cavity
peripheral	4	94 cavity
parting	4	34 Cavity
polyolefin	5	70 covity
	5	70 cavity
polyolefin being	2	79 cavity
sufficient	5	77 cavity
sufficient period	2	65 cavity
temperature	6	100 cavity
cavity	4	69 closing

heating	6	85 closing
method	4	55 closing
parting	4	82 closing
peripheral	2	51 closing
peripheral	2	65 closing
parting	_	oo oloomig
polyolefin	3	52 closing
sufficient		59 closing
	3	75 closing
temperature	3	•
cavity	2 2 2 2 2 2	42 cutting
energy	2	79 cutting
forming	2	57 cutting
forming cavity	2	79 cutting
method	2	30 cutting
method for	2	71 cutting
forming		
parting	2	54 cutting
peripheral	2	51 cutting
peripheral	2	65 cutting
parting		J
polyolefin	2	36 cutting
method	2	30 density
cavity	2	42 energy
cutting		79 energy
forming	2 2 2 2	57 energy
forming cavity	2	79 energy
method	2	30 energy
method for	2	71 energy
forming	_	/ renergy
parting	2	54 energy
peripheral	2	51 energy
	2 2	
peripheral	2	65 energy
parting	2	26 anarav
polyolefin	2 3	36 energy
fastening	3	89 fastening
means	_	70 (
means	3	78 fastening
method	3	45 fastening
fastening	3	78 fastening means
means	3	78 fastening means
method	3	45 fastening means
cavity	2	42 flashing
method	2	30 flashing
cavity	3 3 3 2 2 3 2 2	59 forming
cutting	2	79 forming
energy	2	79 forming
		•

forming cavity	2	79 forming
method	4	55 forming
method for	3	89 forming
forming		• • • • • • • • • • • • • • • • • • •
parting	3	71 forming
peripheral	3	69 forming
peripheral	2	65 forming
	2	03 forming
parting	2	EO formaina
polyolefin	3	52 forming
cavity	2	42 forming cavity
cutting	3 2 2 2 2 2 2	79 forming cavity
energy	2	79 forming cavity
forming	2	57 forming cavity
method	2	30 forming cavity
method for	2	71 forming cavity
forming		•
parting	2	54 forming cavity
peripheral	2 2 2	51 forming cavity
peripheral	2	65 forming cavity
parting	_	oo tottiinig outley
polyolefin	2	36 forming cavity
cavity	6	83 heating
•	6	•
closing		96 heating
method	6	69 heating
parting	4	82 heating
peripheral	2	51 heating
peripheral	2	65 heating
parting		
polyolefin	4	63 heating
sufficient	7	88 heating
sufficient period	4	94 heating
temperature	5	94 heating
method	2	30 indicium
polyolefin	2 2 3 3	36 indicium
fastening	3	78 means
fastening	3	89 means
means	_	
method	3	45 means
carrying	2	79 method
cavity	6	83 method
closing	4	82 method
_	7	
cutting	2	79 method
density	2 2 2 3 3	65 method
energy	2	79 method
fastening	3	78 method
fastening	3	89 method

means		
flashing	2	79 method
forming	4	86 method
forming cavity	2	79 method
heating	6	85 method
indicium	2	60 method
means	3	78 method
method for	3	89 method
forming		
parting	5	90 method
peripheral	3	69 method
peripheral	2	65 method
parting	_	
polyolefin	9	89 method
polyolefin being	2	79 method
sufficient	5	77 method
sufficient period		65 method
temperature	2	75 method
two	2	79 method
cavity	3	59 method for forming
cutting		79 method for forming
energy	2 2 3	79 method for forming
forming	2	75 method for forming
	2	79 method for forming
forming cavity method	3	45 method for forming
parting	3	71 method for forming
	3	69 method for forming
peripheral	2	•
peripheral parting	2	65 method for forming
polyolefin	3	52 mothed for forming
cavity	5 6	52 method for forming
closing	4	83 parting
•	2	82 parting
cutting		79 parting
energy	2	79 parting
forming covity		75 parting
forming cavity	2 4	79 parting
heating method		71 parting
	5 3	63 parting
method for	3	89 parting
forming	_	07 nautina
peripheral	5 4	87 parting
peripheral	4	94 parting
parting	_	70 parting
polyolefin	5	70 parting
polyolefin being	2	79 parting
sufficient	2	42 parting

temperature	4	86 parting
cavity	5	77 peripheral
closing		54 peripheral
cutting	2 2 2 3 2 2 3 3	79 peripheral
energy	2	79 peripheral
forming	3	75 peripheral
forming cavity	2	79 peripheral
heating	2	43 peripheral
method	3	45 peripheral
method for	3	89 peripheral
forming	3	09 periprierai
parting	5	00 poriphoral
•	4	90 peripheral
peripheral	4	94 peripheral
parting	2	50
polyolefin	3 2 3	52 peripheral
sufficient	2	42 peripheral
temperature	3	75 peripheral
cavity	4	69 peripheral parting
closing	2	54 peripheral parting
cutting	2	79 peripheral parting
energy	2	79 peripheral parting
forming	2	57 peripheral parting
forming cavity	2	79 peripheral parting
heating	2	43 peripheral parting
method	2 2 2 2 2 2 2 2	30 peripheral parting
method for	2	71 peripheral parting
forming		
parting	4	82 peripheral parting
peripheral	4	79 peripheral parting
polyolefin	2	36 peripheral parting
sufficient	2	42 peripheral parting
temperature	2	57 peripheral parting
cavity	5	77 polyolefin
closing	3	71 polyolefin
cutting	3 2 2 3 2	79 polyolefin
energy	2	79 polyolefin
forming	2	75 polyolefin
_	ა ე	, ,
forming cavity	4	79 polyolefin
heating		71 polyolefin
indicium	2	60 polyolefin
method	9	81 polyolefin
method for	3	89 polyolefin
forming	_	00 1 1 7
parting	5	90 polyolefin
peripheral	3	69 polyolefin
peripheral	2	65 polyolefin

parting		
polyolefin being	2	79 polyolefin
temperature	3	75 polyolefin
cavity	2 2 2 2	42 polyolefin being
method	2	30 polyolefin being
parting	2	54 polyolefin being
polyolefin	2	36 polyolefin being
cavity	5	77 sufficient
closing	3	71 sufficient
heating	7	90 sufficient
method	5	63 sufficient
parting	2 2 2	54 sufficient
peripheral	2	51 sufficient
peripheral	2	65 sufficient
parting		
sufficient period	4	94 sufficient
temperature	4	86 sufficient
cavity	2	42 sufficient period
heating	4	71 sufficient period
method	2	30 sufficient period
sufficient	4	69 sufficient period
cavity	6	83 temperature
closing	3	71 temperature
heating	5	79 temperature
method	3	45 temperature
parting	4	82 temperature
peripheral	3	69 temperature
peripheral	2	65 temperature
parting		
polyolefin	3	52 temperature
sufficient	4	69 temperature
method	2	30 two

C. Data for Appendix IIB, U.S. Patent No. 5,273,702 (Issued Patent 2)

(1) Data Used in Exemplary Semantic Analysis

Concept	Weight Synonyms
carrie integral fastening	4
means	
cavity	94
closing	36
cutting	93
density	7
excess	5
forming	89 apparatus for forming
forming cavity	93
ft	· 4
greater density	8
heating	60
lb	4
method	81
method for forming	95 Means
nonfoamed	5
organic polymer	5
parting	96
peripheral	94
peripheral parting	96
polyethylene	8
polyolefin	78 Plastic
polyolefin being	8
steps	94
sufficient	18
sufficient period	8
sufficient temperature	17
temperature	72

Concept	Frequency Weight Su	bordinat Concept
carrie integral fastening	2 4 ==	======
means		
cavity	12 94 ==	======

```
closing
                                  6
                                        36 =======
                                  2
cutting
                                       93 =======
density
                                  8
                                         7 =======
                                  2
                                         5 =======
excess
                                  5
forming
                                       89 ======
                                  2
forming cavity
                                       93 =======
                                  4
                                         4 =======
                                  2
greater density
                                         8 =======
heating
                                 14
                                       60 ======
lb
                                  4
                                         4 =======
method
                                 26
                                        81 =======
method for forming
                                       95 =======
                                  3
nonfoamed
                                  2
                                         5 =======
                                  2
organic polymer
                                         5 =======
                                  7
                                        96 =======
parting
                                       94 =======
peripheral
                                  8
peripheral parting
                                  4
                                       96 ======
                                  2
polyethylene
                                         8 =======
polyolefin
                                 21
                                        78 =======
polyolefin being
                                  2
                                         8 =======
                                  5
steps
                                       94 =======
sufficient
                                 15
                                        18 =======
                                  3
                                         8 =======
sufficient period
                                  6
                                        17 =======
sufficient temperature
temperature
                                 10
                                        72 =======
method
                                  2
                                        30 carrie integral fastening
                                          means
                                  3
closing
                                        75 cavity
cutting
                                  2
                                        79 cavity
                                  3
forming
                                       78 cavity
                                  2
forming cavity
                                        79 cavity
                                  5
heating
                                       75 cavity
method
                                  4
                                       55 cavity
                                  3
method for forming
                                       89 cavity
                                  5
parting
                                       90 cavity
                                  5
peripheral
                                       87 cavity
peripheral parting
                                  4
                                       94 cavity
                                  6
polyolefin
                                        73 cavity
steps
                                  4
                                       89 cavity
                                  2
sufficient
                                       39 cavity
                                  2
sufficient period
                                       71 cavity
temperature
                                  4
                                       75 cavity
cavity
                                  3
                                       60 closing
                                  4
heating
                                       68 closing
parting
                                  3
                                        71 closing
peripheral
                                  2
                                       51 closing
```

peripheral parting 2 65 closing 2 temperature 47 closing cavity 2 43 cutting 2 forming 60 cutting 2 forming cavity 79 cutting 2 method 30 cutting 2 method for forming 71 cutting 2 parting 54 cutting 2 peripheral 51 cutting 2 peripheral parting 65 cutting polyolefin 2 33 cutting 2 steps 60 cutting 2 excess 79 density 2 65 density 2 greater density 79 density lb 2 65 density 4 method 55 density 2 polyolefin 33 density 2 density 51 excess 2 ft 65 excess 2 lb 65 excess method 2 30 excess 3 cavity 60 forming 2 cutting 79 forming 2 forming cavity 79 forming 3 method 45 forming 3 method for forming 89 forming 3 parting 71 forming 3 peripheral 69 forming 2 peripheral parting 65 forming 3 polyolefin 49 forming 3 steps 78 forming cavity 2 43 forming cavity 2 cutting 79 forming cavity 2 forming 60 forming cavity 2 method 30 forming cavity method for forming 2 71 forming cavity 2 parting 54 forming cavity peripheral 2 51 forming cavity 2 peripheral parting 65 forming cavity 2 polyolefin 33 forming cavity steps 2 60 forming cavity density 2 51 ft 2 excess 79 ft 2 65 ft method 2 30 ft

density 2 51 greater density 2 method 30 greater density polyolefin 2 33 greater density 5 cavity 79 heating 4 closing 86 heating 7 method 74 heating 4 parting 82 heating 2 peripheral 51 heating peripheral parting 2 65 heating 4 polyolefin 59 heating sufficient 9 93 heating sufficient period 3 89 heating sufficient temperature 6 100 heating temperature 8 98 heating 2 density 51 lb excess 2 79 lb 2 65 lb ft 2 30 lb method 2 carrie integral fastening 79 method means 4 cavity 71 method 2 cutting 79 method density 4 79 method 2 79 method excess 3 forming 78 method forming cavity 2 79 method 2 65 method 2 greater density 79 method 7 heating 87 method 2 65 method method for forming 3 89 method 2 nonfoamed 79 method organic polymer 2 79 method parting 4 82 method 3 peripheral 69 method peripheral parting 2 65 method 2 polyethylene 79 method polyolefin 9 86 method steps 5 97 method 6 sufficient 80 method 6 sufficient temperature 100 method temperature 8 98 method cavity 3 60 method for forming 2 cutting 79 method for forming 3 forming 78 method for forming forming cavity 2 79 method for forming

method 3 45 method for forming 3 71 method for forming parting peripheral 3 69 method for forming 2 peripheral parting 65 method for forming 3 polyolefin 49 method for forming 3 steps 78 method for forming 2 method 30 nonfoamed 2 79 nonfoamed organic polymer 2 30 organic polymer method 2 nonfoamed 79 organic polymer 5 79 parting cavity 3 75 parting closing 2 cutting 79 parting 3 forming 78 parting 2 forming cavity 79 parting heating 4 68 parting 4 method 55 parting 3 method for forming 89 parting 5 peripheral 87 parting 4 peripheral parting 94 parting 5 polyolefin 67 parting polyolefin being 2 79 parting 3 steps 78 parting 3 temperature 64 parting 5 cavity 79 peripheral 2 closing 57 peripheral 2 79 peripheral cutting 3 forming 78 peripheral forming cavity 2 79 peripheral 2 40 peripheral heating 3 method 45 peripheral method for forming 3 89 peripheral 5 90 peripheral parting 4 peripheral parting 94 peripheral polyolefin 3 49 peripheral 3 78 peripheral steps 3 64 peripheral temperature 4 71 peripheral parting cavity 2 57 peripheral parting closing 2 cutting 79 peripheral parting 2 forming 60 peripheral parting forming cavity 2 79 peripheral parting heating 2 40 peripheral parting 2 method 30 peripheral parting method for forming 2 71 peripheral parting 4 82 peripheral parting parting

peripheral 4 79 peripheral parting 2 33 peripheral parting polyolefin 2 60 peripheral parting steps 2 temperature 47 peripheral parting 2 30 polyethylene method 2 polyolefin 33 polyethylene 6 cavity 85 polyolefin 2 79 polyolefin cutting 2 51 polyolefin density 3 forming 78 polyolefin 2 79 polyolefin forming cavity 2 greater density 79 polyolefin heating 4 68 polyolefin 9 method 81 polyolefin 3 method for forming 89 polyolefin 5 90 polyolefin parting 3 peripheral 69 polyolefin 2 peripheral parting 65 polyolefin 2 polyethylene 79 polyolefin 2 polyolefin being 79 polyolefin 4 89 polyolefin steps 2 47 polyolefin temperature 2 54 polyolefin being parting 2 polyolefin 33 polyolefin being 4 cavity 71 steps 2 cutting 79 steps 3 forming 78 steps 2 forming cavity 79 steps 5 method 63 steps 3 method for forming 89 steps 3 parting 71 steps 3 peripheral 69 steps 2 peripheral parting 65 steps 4 polyolefin 59 steps temperature 3 64 steps 2 cavity 43 sufficient 9 heating 95 sufficient 6 method 69 sufficient sufficient period 3 89 sufficient sufficient temperature 6 100 sufficient temperature 6 89 sufficient 2 cavity 43 sufficient period 57 sufficient period heating 3 3 sufficient 56 sufficient period heating 6 82 sufficient temperature method 6 69 sufficient temperature

sufficient	6	80 sufficient temperature
temperature	6	89 sufficient temperature
cavity	4	71 temperature
closing	2	57 temperature
heating	8	91 temperature
method	8	78 temperature
parting	3	71 temperature
peripheral	3	69 temperature
peripheral parting	2	65 temperature
polyolefin	2	33 temperature
steps	3	78 temperature
sufficient	6	80 temperature
sufficient temperature	6	100 temperature

D. Data for Appendix III, U.S. Patent No. 4,595,551 (Cited Reference - Maurer)

(1) Data Used in Exemplary Semantic Analysis

Concept	Weight	
copolymer	29	
decorative fabric	14	
fabric	43	•
facing	53	
heating	6	
method	90 Means	
outer	66 periphera	al
polymer	49	
impregnated		
polystyrene	22	
polyurethane	72	
styrene	29	
styrenic	86 Plastic	polyolefin
temperature	69	
thermoforming	7 forming	
•		

Parent	Frequency We	eight Subordinate
copolymer	2	29 =======
decorative fabric	2	14 =======
fabric	6	43 =======
facing	4	53 =======
heating	2	6 =======
method	15	90 ======
outer	7	66 =======
polymer	2	49 =======
impregnated		
polystyrene	2	22 =======
polyurethane	9	72 =======
styrene	2	29 =======
styrenic	17	86 =======
temperature	7	69 =======

thormoforming	2	7 =======
thermoforming	3	· ·
method	2 2 2 2	37 copolymer
styrene	2	77 copolymer
styrenic	2	35 copolymer
fabric	2	55 decorative fabric
method	2	37 decorative fabric
decorative fabric	2	77 fabric
facing	3	81 fabric
method	4	64 fabric
polymer	2	77 fabric
impregnated		
styrenic	2	35 fabric
fabric	3	72 facing
method	4	64 facing
polymer	2	77 facing
impregnated	_	77 labing
styrenic	3	51 facing
•	3	•
temperature	2 2 2	52 heating
copolymer	2	77 method
decorative fabric	2	77 method
fabric	4	83 method
facing	4	92 method
outer	4	80 method
polymer	2	77 method
impregnated		
polystyrene	2	77 method
polyurethane	6	89 method
styrene	2	77 method
styrenic	12	97 method
temperature	4	80 method
method	4	64 outer
polyurethane	5	83 outer
styrenic	4	62 outer
temperature	3	69 outer
fabric	2	55 polymer impregnated
facing	2 2 2 2 2	63 polymer impregnated
method	2 .	37 polymer impregnated
styrenic	2	35 polymer impregnated
method	2	37 polystyrene
styrenic	2	35 polystyrene
method	6	
outer	5	78 polyurethane
		88 polyurethane
styrenic	6	75 polyurethane
temperature	5	88 polyurethane
copolymer	2	77 styrene
method	2	37 styrene

styrenic	2	35 styrene
copolymer	2	77 styrenic
fabric	2	55 styrenic
facing	3	81 styrenic
method	12	100 styrenic
outer	4	80 styrenic
polymer	2	77 styrenic
impregnated		
polystyrene	2	77 styrenic
polyurethane	6	89 styrenic
styrene	2	77 styrenic
temperature	5	88 styrenic
thermoforming	2	69 styrenic
heating	2	77 temperature
method	4	64 temperature
outer	3	69 temperature
polyurethane	5	83 temperature
styrenic	5	69 temperature
styrenic	2	35 thermoforming

E. Data for Appendix IVA - U.S. Patent No. 4,627,177 (Control 1)

(1) Data Used in Exemplary Semantic Analysis

Concept	Weight
material	98
member	95

Parent	Frequency	Weight	Subordinate
material	4	98	========
material	3	100	member
member	9	95	========
member	3	82	material

F. Data for Appendix IVB - U.S. Patent No. 4,364,189 (Control 2)

(1) Data Used in Exemplary Semantic Analysis

Weight
69
9
10
86
62
86
49
70
6
77
86 Plastic
69
69

Concept	Frequency	Weight	Subordinate Concept
absorbing	2	69	========
density	3	9	========
elastomeric	2	10	========
firmness	2	86	========
lateral	3	62	========
longitudinal	2	86	========
means	7	49	=======
midline axis	7	70	=========
operative	2	6	========
outer	4	77	========
resilient	2	86	========
material			
stability	2	69	=======
used for	2	69	========
running			
lateral	2	91	absorbing
means	2	73	absorbing

stability	2 2	100 absorbing
used for	2	100 absorbing
running		
elastomeric	2	100 density
midline axis	2	73 density
density	2	91 elastomeric
midline axis	2	73 elastomeric
longitudinal	2	100 firmness
midline axis	2	73 firmness
outer	2 2 2 2 2	85 firmness
resilient	2	100 firmness
material	2	100 mmess
	0	100 leteral
absorbing	2	100 lateral
means	2 2	73 lateral
stability	2	100 lateral
used for	2	100 lateral
running		
firmness	2	100 longitudinal
midline axis	2	73 longitudinal
outer	2 2 2 2	85 longitudinal
resilient	2	100 longitudinal
material		_
absorbing	2	100 means
lateral	2	91 means
operative	2	100 means
stability	2 2	100 means
used for	2	100 means
running	_	100 11104110
density	2	91 midline axis
elastomeric	2	100 midline axis
firmness	2	100 midline axis
longitudinal	2	100 midline axis
outer		85 midline axis
resilient	2 2	100 midline axis
material	2	100 midline axis
	0	70 an anativa
means	2	73 operative
firmness	2	100 outer
longitudinal	2 2 2	100 outer
midline axis	2	73 outer
resilient	2	100 outer
material		
firmness	2	100 resilient material
longitudinal	2	100 resilient material
midline axis	2 2 2 2	73 resilient material
outer		85 resilient material
absorbing	2	100 stability

lateral	2	91 stability
means	2	73 stability
used for	2	100 stability
running		
absorbing	2	100 used for running
lateral	2	91 used for running
means	2	73 used for running
stability	2	100 used for running